

Converting Colors

YUV(58.8310, 29.6633,
-41.0708)

Have a look what the booklet for
YUV(58.8310, 29.6633, -41.0708)
contains.

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Color

**YUV(58.8310, 29.6633,
-41.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4777
RGB	12, 71, 119
RGB Percent	5%, 28%, 47%
CMY	0.9529, 0.7216, 0.5333
CMYK	0.90, 0.40, 0.00, 0.53
HSL	207°, 82%, 26%
HSV	207°, 90%, 47%
XYZ	5.7346, 5.9165, 18.2925
YIQ	58.8310, -50.5720, 2.4200

Conversions

Conversions Part 2

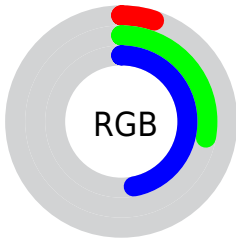
Format	Color
RYB	12, 50, 119
Decimal	804727
CIELab	29.20, 1.28, -32.42
CIElCh	29, 32.450, 272.252
Yxy	5.9165, 0.1915, 0.1976
Android (android.graphics.Color)	4278994807 (0xFF0C4777)
YUV	58.8310, 29.6633, -41.0708
Hunter-Lab	24.3240, -0.4837, -27.5615

Details

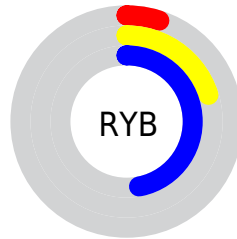
The YUV color **58.8310, 29.6633, -41.0708** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **72.1690, -29.6633, 41.0708**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7830, 29.1940, -30.5047**, and **24.4160, 22.4729, -21.4128** is the 20% darker color. If you saturate the color by 10%, you get **52.3080, 32.8792, -45.8741**, and if you desaturate by 10%, it is **65.3540, 26.4475, -36.2675**.

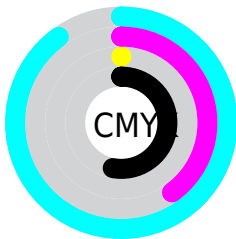
Distribution



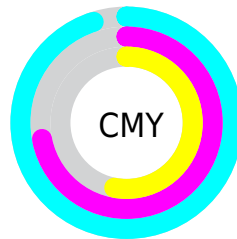
- Red (5%)
- Green (28%)
- Blue (47%)



- Red (5%)
- Yellow (20%)
- Blue (47%)



- Cyan (90%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8310, 29.6633, -41.0708 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 58.8310, 29.6633, -41.0708 by changing the saturation by 10% instead.

■ 58.8310, 29.6633,
-41.0708

■ 58.8310, 29.6633,
-41.0708

■ 255.0000, 0.0000,
0.0000

■ 39.4790, 26.8789,
-34.6231

■ 112.7830, 29.1940,
-30.5047

■ 24.4160, 22.4729,
-21.4128

■ 139.1960, 29.4834,
-29.9899

■ 7.8200, 19.8087,
-6.8581

■ 166.0220, 30.0622,
-28.9603

■ 3.5510, 11.0674,
-3.1142

■ 193.1360, 30.4990,
-29.0603

■ 0.0000, 0.0000,
0.0000

■ 218.2430, 18.1212,
-25.6461

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

58.8310, 29.6633,
-41.0708

58.8310, 29.6633,
-41.0708

52.3080, 32.8792,
-45.8741

65.3540, 26.4475,
-36.2675

72.4640, 22.9422,
-31.9789

78.9870, 19.7264,
-27.1756

85.5100, 16.5106,
-22.3723

92.3210, 13.1527,
-18.6985

■ 98.8440, 9.9369,
-13.8952

■ 105.3670, 6.7211,
-9.0919

■ 112.4770, 3.2158,
-4.8033

■ 119.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0810, 27.0751, -50.9370



58.8310, 29.6633, -41.0708



69.9890, 20.2184, 1.7636

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8310, 29.6633, -41.0708



68.0390, -12.3442, 39.4308



56.1730, -6.0013, -35.2317

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.8310, 29.6633, -41.0708



72.1690, -29.6633, 41.0708

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.0920, -19.7654, -7.0967



58.8310, 29.6633, -41.0708



67.5680, -21.4790, 29.3199

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8310, 29.6633, -41.0708



68.8400, -0.4141, 39.6053



65.7310, -25.5034, 13.3909



55.5270, 7.1352, -48.6972

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8310, 29.6633, -41.0708



70.9050, 14.3438, 19.3773



65.7310, -25.5034, 13.3909



59.8710, -11.2754, -23.5659

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.8310, 29.6633, -41.0708



132.2890, 11.6895, -16.0395



80.0530, -10.8721, -59.6825



65.0680, 6.8685, -9.7066



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8310, 29.6633, -41.0708



68.2660, 43.2529, -59.8693



28.3070, 44.7116, -14.3012



55.4450, 1.7526, -2.1443



53.2370, 33.9002, -46.6888



109.5060, 69.2635, -96.0368

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.7190, 9.9985, 59.8824



56.4480, 14.5691, 87.3071



102.6930, -44.7116, 14.3012



55.1360, 0.4260, 3.3887



44.1160, 11.2818, 68.3043



90.4820, 23.4264, 139.8973

Previews

White Background



This preview shows how the YUV color 58.8310, 29.6633, -41.0708 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 58.8310, 29.6633, -41.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

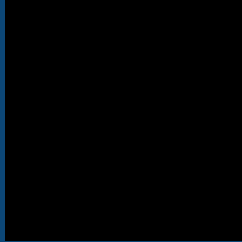
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 58.8310, 29.6633, -41.0708

Background



This preview shows how black text looks on a background with the YUV color 58.8310, 29.6633, -41.0708.



This preview shows how white text looks on a background with the YUV color 58.8310, 29.6633,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.8310, 29.6633, -41.0708

Protanopia

67.0900, 23.6196, -15.8649

Deuteranopia

63.3270, 27.4468, -30.1048



Tritanopia

54.5470, 13.5343, -47.8377

Trichromacy



Original Color

58.8310, 29.6633, -41.0708

Protanomaly

63.9040, 25.6833, -24.4718

Deuteranomaly

61.5330, 28.3312, -33.7934

Tritanomaly

56.0510, 19.2019, -45.6487

Monochromacy



Original Color

58.8310, 29.6633, -41.0708

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7730, 10.9579, -14.7099

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8310, 29.6633, -41.0708 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(12, 71, 119)` looks like.

```
.text, #text, p{  
    color:rgb(12, 71, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(12, 71, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 71, 119) }
```

Border

The CSS property to change the border of an element to YUV 58.8310, 29.6633, -41.0708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(12, 71, 119) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(12, 71, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(12, 71, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 71, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 71, 119);  
box-shadow:4px 4px 4px 4px rgb(12, 71,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 58.8310, 29.6633, -41.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 71, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(12, 71,  
119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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